

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Carlson, et al. EXAMINER: Christopher M. Kalivoda

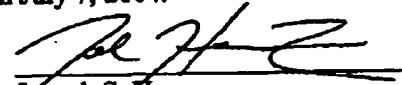
SERIAL NO.: 10/600,985 GROUP: 2881 CONF. NO.: 7136

FILED: 06/20/2003 DOCKET: NGC-139/000009-199

TITLE: POLYMERIC MATERIAL WITH VOIDS THAT COMPRESS TO ALLOW THE POLYMERIC MATERIAL TO ABSORB APPLIED FORCE AND DECREASE REACTION FORCE TO ONE OR MORE SENSOR FIBERS

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being sent via facsimile transmission to Commissioner for Patents, Mail Stop Amendment, Group Art Unit 2881, Attention: Christopher M. Kalivoda, P.O. Box 1450, Alexandria, VA 22313-1450, at fax number (703) 872-9306, on July 7, 2004.



Joseph S. Hanasz  
Agent for Applicants  
Reg. No. 54,720

**OFFICIAL**

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CENTRAL FAX CENTER

Date of Signature: July 7, 2004

JUL 07 2004

Commissioner for Patents  
Mail Stop Amendment  
Group Art Unit 7136  
Attention: Examiner Christopher M. Kalivoda  
P.O. Box 1450

07/27/2004 AJOHNSON 00000008361541 10070285  
Alexandria, VA 22313-1450  
Fax Number (703) 872-9306

01 FC:1201 86.00 DA  
02 FC:1202 162.00 DA

RESPONSE TO OFFICE ACTION

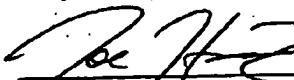
Dear Sir:

This paper is filed in response to the Office Action mailed April 7, 2004 in connection with the above-designated application. A response to the Office Action is due July 7, 2004. Therefore, this Response is timely filed.

For example, a careful reading of the Office Action's citations to the applied references fails to teach or suggest wherein the plurality of voids comprise a plurality of hollow elastomeric microballoons, wherein the plurality of hollow elastomeric microballoons comprise thin walls that encapsulate a gas to allow for compression of the plurality of hollow elastomeric microballoons, as recited in applicants' dependent claim 32 presented herewith.

In view of the above amendments and remarks, allowance of all claims pending is respectfully requested. If a telephone conference would be of assistance in advancing the prosecution of this application, the Examiner is invited to call applicant's attorney Robert J. Brill, Reg. No. 36,760, and applicant's undersigned agent.

Respectfully submitted,



Joseph S. Hanasz  
Agent for Applicants  
Reg. No. 54,720

Dated: July 7, 2004

PATTI & BRILL, LLC  
Customer Number 32205

PATENT APPLICATION FEE DETERMINATION RECORD  
Effective October 1, 2003

Application or Docket Number

10600985

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

TOTAL CLAIMS			
FOR		NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS		22 minus 20 =	
INDEPENDENT CLAIMS		2 minus 3 =	
MULTIPLE DEPENDENT CLAIM PRESENT			<input type="checkbox"/>

SMALL ENTITY  
TYPE

OTHER THAN  
OR SMALL ENTITY

RATE	FEES	RATE	FEES
BASIC FEE	385.00	OR BASIC FEE	770.00
XS 9=		OR XS18=	
X43=		OR X86=	
+145=		OR +290=	
TOTAL		OR TOTAL	

If the difference in column 1 is less than zero, enter 0 in column 2

CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
		Minus	=		
	Total	3	Minus	22	9
	Independent	4	Minus	3	1
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			<input type="checkbox"/>		

SMALL ENTITY OR

OTHER THAN  
SMALL ENTITY

RATE	ADDI- TIONAL FEE	RATE	ADDI- TIONAL FEE
XS 9=		XS18=	162
X43=		X86=	84
+145=		+290=	
TOTAL ADDIT FEE		TOTAL ADDIT FEE	248

AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
		Minus	=		
	Total		**		-
	Independent		***		=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			<input type="checkbox"/>		

RATE ADDITIONAL FEE

RATE ADDITIONAL FEE

XS 9=		XS18=	
X43=		X86=	
+145=		+290=	
TOTAL ADDIT FEE		TOTAL ADDIT FEE	

AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
		Minus	=		
	Total		**		=
	Independent		***		=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			<input type="checkbox"/>		

RATE ADDITIONAL FEE

RATE ADDITIONAL FEE

XS 9=		XS18=	
X43=		X86=	
+145=		+290=	
TOTAL ADDIT. FEE		TOTAL ADDIT. FEE	

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.